

(FILE 'HOME' ENTERED AT 14:30:52 ON 24 NOV 2004)

FILE 'REGISTRY' ENTERED AT 14:31:06 ON 24 NOV 2004
L1 6402 S RRQRR/SQSP

FILE 'CAPLUS' ENTERED AT 14:31:24 ON 24 NOV 2004
L2 12 S L1 AND CARGO AND TRANSPORT?
L3 1 S L1 AND CARGO AND BIOTIN
L4 318 S L1 AND TRANSPORT?
L5 26 S L4 AND BIOTIN?
L6 2 S L5 AND AVIDIN
L7 20 S L1 AND APOPTOTIC
L8 2 S L7 AND CARGO
L9 42 S L1 AND GLUTATHIONE
L10 4 S L9 AND CARGO
L11 518 S L1 AND (CARGO OR TRANSPORT? OR DELIVER?)
L12 31 S L11 AND GLUTATHIONE
L13 32 S L11 AND BIOTIN?
L14 2 S L13 AND AVIDIN
L15 4 S L12 AND CARGO
L16 10 S L11 AND APOPTOTIC
L17 2 S L11 AND BIOTIN? AND AVIDIN

=> s klaklakkaklak/sqsp
L1 34 KLAKLAKKLAKLAK/SQSP

=> s rrqrr/sqsp
L2 6402 RRQRR/SQSP

=> s l1 and l2
L3 1 L1 AND L2

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
SESSION
FULL ESTIMATED COST 53.84 54.05

FILE 'CAPLUS' ENTERED AT 15:12:14 ON 24 NOV 2004
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FILE COVERS 1907 - 24 Nov 2004 VOL 141 ISS 22
FILE LAST UPDATED: 23 Nov 2004 (20041123/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 5 L3

=> d 14 1-5

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:930859 CAPLUS
DN 140:14513
TI Identification and therapeutic use of peptides that facilitate uptake and cytoplasmic and nuclear transport of proteins, DNA and viruses
IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea; Mai, Jeffrey C.
PA USA
SO U.S. Pat. Appl. Publ., 140 pp., Cont.-in-part of U.S. Ser. No. 75,869.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3
PATENT NO. KIND DATE APPLICATION NO. DATE
----- ----- ----- -----
PI US 2003219826 A1 20031127 US 2003-366493 20030212
US 2003104622 A1 20030605 US 2002-75869 20020213
PRAI US 1999-151980P P 19990901
US 2000-188944P P 20000313

US 2000-653182 A2 20000831
US 2002-75869 A2 20020213

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:597743 CAPLUS
DN 140:264017
TI Identification of a synovial fibroblast-specific protein transduction domain for delivery of apoptotic agents to hyperplastic synovium
AU Mi, Zhibao; Lu, Xiaoli; Mai, Jeffrey C.; Ng, Bobby G.; Wang, Guiqiang; Lechman, Eric R.; Watkins, Simon C.; Rabinowich, Hannah; Robbins, Paul D.
CS Department of Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA
SO Molecular Therapy (2003), 8(2), 295-305
CODEN: MTOHCK; ISSN: 1525-0016
PB Elsevier
DT Journal
LA English

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:435239 CAPLUS
DN 139:32886
TI Identification of peptides that facilitate uptake and cytoplasmic and/or nuclear transport of proteins, DNA and viruses
IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea
PA USA
SO U.S. Pat. Appl. Publ., 110 pp., Cont.-in-part of U.S. Ser. No. 653,182.
CODEN: USXXCO
DT Patent
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003104622	A1	20030605	US 2002-75869	20020213
	WO 2003068942	A2	20030821	WO 2003-US4632	20030212
	WO 2003068942	A3	20040701		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003219826	A1	20031127	US 2003-366493	20030212
PRAI	US 1999-151980P	P	19990901		
	US 2000-188944P	P	20000313		
	US 2000-653182	A2	20000831		
	US 2002-75869	A	20020213		

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:832771 CAPLUS
DN 136:144792
TI A proapoptotic peptide for the treatment of solid tumors
AU Mai, Jeffrey C.; Mi, Zhibao; Kim, Seon-Hee; Ng, Bobby; Robbins, Paul D.
CS Department of Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA
SO Cancer Research (2001), 61(21), 7709-7712

CODEN: CNREA8; ISSN: 0008-5472

PB American Association for Cancer Research

DT Journal

LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:167742 CAPLUS
DN 134:218672
TI Identification of peptides which facilitate uptake and transport of protein, DNA and virus into cytoplasm and nuclei of cells
IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea
PA University of Pittsburgh of the Commonwealth System of Higher Education,
USA
SO PCT Int. Appl., 128 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001015511	A2	20010308	WO 2000-US24034	20000831
	WO 2001015511	A3	20020124		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1210362	A2	20020605	EP 2000-963300	20000831
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI	US 1999-151980P	P	19990901		
	US 2000-188944P	P	20000313		
	WO 2000-US24034	W	20000831		

=> file registry

COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.74	59.79

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STRUCTURE FILE UPDATES: 22 NOV 2004 HIGHEST RN 786612-66-6
DICTIONARY FILE UPDATES: 22 NOV 2004 HIGHEST RN 786612-66-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d 13 kwic

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

SEQ 1 RRQRRTSKLM KRGGKLAKLA KKLAKLAK

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HITS AT: 1-5, 15-28